

## Batavia BSG0140-US500

# BATAVIA HVLP Electric Paint Sprayer - Instruction Manual

Model: BSG0140-US500

Brand: Batavia

## 1. INTRODUCTION

Thank you for choosing the BATAVIA HVLP Electric Spray Paint Gun. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your paint sprayer. Please read all instructions carefully before use to ensure optimal performance and safety.

### Important Safety Information

It is advisable to practice on a piece of scrap wood or cardboard before beginning on your intended work piece. All objects to be sprayed should be thoroughly cleaned before spraying. Areas not to be sprayed may, in certain cases, need to be masked or covered. Read all operating instructions and safety precautions before operating equipment.

This product is ETL Certified, ensuring product quality and safety. Always prioritize safety during operation.

## 2. INCLUDED COMPONENTS

Your BATAVIA HVLP Electric Spray Paint Gun package includes the following items:

- 1 x Power Paint Sprayer
- 4 x Nozzles (1.5mm, 2.0mm, 2.5mm, 3.0mm)
- 1 x Guide Instruction Manual
- 1 x Cleaning Brush

- 1 x Viscosity Cup
- 1 x External Check Valve Tube
- 3 x Check Valves
- 1 x Container Sealing Pad



Figure 2.1: Overview of included components.

Ensure all components are present and undamaged before proceeding with setup.

## 3. SETUP

### 3.1 Assembly

The paint sprayer is designed for easy assembly without tools. Simply insert the spray gun into the main housing and lock it securely.

### 3.2 Paint Preparation

Proper paint preparation is crucial for optimal spraying results. The sprayer supports a maximum viscosity of up to 100-DINs, suitable for most paint types including latex paint, stains, sealers, urethanes, varnishes, lacquers, and chalk type paint.

- Use the included viscosity cup to test the paint viscosity. If the paint is too thick, dilute it with the appropriate liquid thinning material recommended by the paint manufacturer.
- Pour the prepared paint into the 1200ml large capacity container. Tighten the container securely to the spray gun.





NOZZLES RECOMMENDATIONS & APPLICATIONS					
Nozzle	Size	Material	Viscosity	Project	
	1.5mm	Sealers, Stains, Enamel and varnish, Dyes	30Din-s	Table, Chair, Bicycle, Shutter, Cabinets, Wooden artwork, Model	
	2.0mm	Polyurethane, Chalk and milk type paint	40Din-s	Railings, Multiframe, Window framer, Pipe, Boat, Yard, Furniture, Garage door, Metal gargen fences, Door	
	2.5mm	Low viscosity primer, Latex wall paint	50Din-s	Internal wall, Wooden garden fence, Wooden pile, Corridor	
	3.0mm	Low viscosity primer, Latex wall paint	70-80Din-s	External wall, Outdoor floor, Sports field line	
WARM TIPS					
1.MAX viscosity 100-Dins, please use the funnel to test to ensure the paint viscosity is within the standard.					
2.The smaller the nozzle size, the finner the surface quality; the larger the nozzle size, the larger the spray volume.					

Figure 3.1: Pouring and thinning paint.

### 3.3 Nozzle Selection and Spray Patterns

The sprayer comes with 4 nozzle sizes (1.5mm, 2.0mm, 2.5mm, 3.0mm) and supports 3 spray patterns (vertical, horizontal, circular) to meet different spraying needs.

- **1.5mm & 2.0mm Nozzles:** Ideal for thin paints like sealers, varnish, dyes, polyurethane, chalk, and milk type paint.
- **2.5mm & 3.0mm Nozzles:** Suitable for thicker paints such as low viscosity primer and latex wall paint.
- To change the spray pattern, switch the air cap to adjust between vertical, horizontal, or circular spray.

# ELECTRIC SPRAY GUN

FOR THINNED PAINT //



Figure 3.2: Available spray patterns.

# 3 SPRAY METHODS



Figure 3.3: Nozzle recommendations and applications.

## 3.4 Adjustable Flow Control

Adjust the paint output thickness using the control valve knob on the sprayer. This allows for precise control of the paint flow rate, saving paint and ensuring a smooth finish.





Figure 3.4: Adjustable flow control.

### 3.5 Suction Tube Direction

To reduce the number of refills, adjust the suction tube direction based on your spraying angle:

- **Spraying Downwards:** Point the end of the pickup tube towards the front of the gun.
- **Spraying Upwards:** Point the end of the pickup tube towards the rear of the gun.



Figure 3.5: Suction tube positioning for different spray angles.

## 4. OPERATING INSTRUCTIONS

### 4.1 Pre-Spray Preparation

Before spraying, ensure the painting area is clean and dust-free to prevent dust from blowing into your freshly sprayed surface. Mask or cover any areas you do not wish to spray.

### 4.2 Spraying Technique

- **Test Spray:** For first-time use or when changing paint, test spraying on a piece of paper or scrap wood to adjust settings and ensure proper spray pattern.
- **Distance:** Position the sprayer perpendicular to the surface, typically 6-8 inches away for best results. A hand's length is usually a good distance.
- **Motion:** Always spray in full, even passes. Avoid short, jerky motions or flexing your wrist, as this can lead to an uneven coating.
- **Speed:** Maintain a consistent speed for full coverage. Do not spray too slowly, as this can cause paint to run.
- **Overlapping:** Overlap each pass slightly to obtain the most consistent and professional finish possible.
- **Coats:** Apply a thin coat on the first pass and allow it to dry before applying a second, slightly heavier coat for optimal coverage and finish.



Figure 4.1: Widely applicable for indoor and outdoor painting projects.

#### 4.3 Official Product Video: How to Paint with the Maxxspray

This video demonstrates the proper techniques for painting with the BATAVIA Maxxspray, including preparation, spray patterns, and movement for an even finish.

#### 4.4 Official Product Video: Maxxspray - Easy to Use

This video highlights the ease of use and versatility of the Maxxspray for various painting tasks.

## 5. MAINTENANCE

Proper cleaning and maintenance are essential to ensure the longevity and optimal performance of your paint sprayer. Clean immediately after usage to ensure normal operation for the next use.



## 5.1 Cleaning the Sprayer

- Unplug the spray gun and press the trigger to allow any remaining material inside the spray gun to flow back into the container.
- Unscrew the container and empty any remaining material back into its original container.
- Pour a small amount of the appropriate cleaning solution (e.g., water for water-based paints, mineral spirits for oil-based paints) into the container. Reattach the container and flush the spray gun by spraying the cleaning solution into a waste bucket or designated area. Always flush outdoors if possible.
- Unscrew the nut and remove the air cap and nozzle.
- Clean the container, suction tube, air cap, and nozzle thoroughly with the provided cleaning brush or rinse in water.
- Wipe the exterior of the container and the gun clean with a damp cloth.



Figure 5.1: Detachable and easy to clean components.

## 5.2 Filter Inspection

Regularly inspect the filter in the air compressor (located at the rear of the main unit) to see if it is excessively dirty. If so, clean it to ensure proper airflow and prevent motor strain.

### 5.3 Official Product Video: How to Clean the Maxxspray

This video provides a step-by-step guide on how to effectively clean your BATAVIA Maxxspray after use.

## 6. TROUBLESHOOTING

If you encounter issues with your paint sprayer, consider the following common troubleshooting tips:

- **Inconsistent Spray/Splats:** This can be caused by paint that is too thick, an incorrect nozzle size, or a clogged nozzle. Ensure paint viscosity is correct, select the appropriate nozzle, and thoroughly clean the nozzle and air cap.
- **No Spray/Low Pressure:** Check if the container is securely tightened. Ensure the suction tube is properly positioned and not clogged. Verify the air filter is clean and not obstructed.
- **Paint Runs:** This usually indicates applying too much paint or spraying too slowly. Adjust your spraying speed and distance from the surface. Apply thinner coats.

For more detailed troubleshooting, please refer to the [Troubleshooting Guide \(PDF\)](#) available online.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Batavia
Model Name	BSG0140
Item Model Number	BSG0140-US500
Power Source	AC
Power Consumption	500W
Tank Volume	1200 Milliliters
Max Viscosity	100-DINs
Nozzle Sizes	1.5mm, 2.0mm, 2.5mm, 3.0mm
Spray Patterns	Vertical, Horizontal, Circular
Item Weight	3.12 pounds (1.42 Kilograms)
Product Dimensions	6.69"W x 9.45"H
Material	Polypropylene (PP)
Certifications	ETL Certified

# 8. WARRANTY AND SUPPORT




BATAVIA offers an 18-month warranty service for this product. We are committed to providing quick customer service within 24 hours. If you have any questions or require assistance, please do not hesitate to contact us immediately. We are always here to help you.




Additional resources:

- [User Manual \(PDF\)](#)
- [Safety Information \(PDF\)](#)
- [Troubleshooting Guide \(PDF\)](#)

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## Related Documents - BSG0140-US500

	<p><a href="#">Batavia Maxxspray Paint Spray System Operating Instructions</a></p> <p>Comprehensive operating instructions and safety guide for the Batavia Maxxspray Paint Spray System (Model BT-PSS001), covering setup, usage, maintenance, and troubleshooting.</p>
	<p><a href="#">Batavia MAXXPack 18V Cordless Caulking Gun - Model BT-CCG002 User Manual</a></p> <p>Comprehensive operating instructions, safety guidelines, technical specifications, and maintenance information for the Batavia MAXXPack 18V Cordless Caulking Gun (Model BT-CCG002). Learn about its features, intended use, and proper handling.</p>
	<p><a href="#">Batavia NEXSAW 12V Compact Cordless Chain Saw Operating Instructions and Safety Manual</a></p> <p>Comprehensive operating instructions and safety guidelines for the Batavia NEXSAW 12V Compact Cordless Chain Saw (Model BT-NXS003, Item No. 7064197). Learn about safe usage, maintenance, technical specifications, and troubleshooting.</p>

	<p><a href="#">Batavia Maxxgun Pro Cordless Massage Tool - Operating Instructions</a></p> <p>Discover how to use and maintain your Batavia Maxxgun Pro cordless massage tool with this comprehensive operating manual. Includes safety guidelines, usage tips, and technical specifications.</p>
	<p><a href="#">Batavia MAXXPACK 18V Chargers: Operating Instructions and Safety Guide</a></p> <p>Comprehensive operating instructions and safety guidelines for Batavia MAXXPACK 18V battery chargers (Models BT-CLC003, BT-CLC004, BT-CLC006, BT-CLC007). Learn about safe usage, charging procedures, and technical specifications.</p>
	<p><a href="#">Batavia MAXXPACK 18V Twinbrush Operating Instructions Manual</a></p> <p>Comprehensive operating instructions for the Batavia MAXXPACK 18V Twinbrush, covering assembly, usage, maintenance, safety, and technical data for domestic cleaning tasks.</p>